

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 64-069278

(43)Date of publication of application : 15.03.1989

(51)Int.Cl.

H02P 3/10
G11B 19/22

(21)Application number : 62-223381

(71)Applicant : SANYO ELECTRIC CO LTD

(22)Date of filing : 07.09.1987

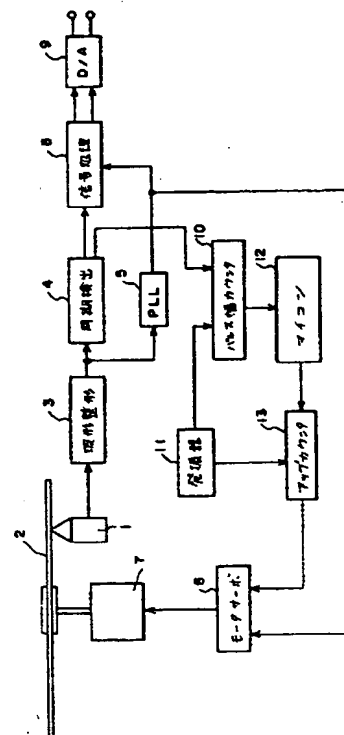
(72)Inventor : OGATA HITOSHI

(54) METHOD OF STOPPING ROTOR

(57)Abstract:

PURPOSE: To stop a rotor surely by calculating a time required for braking when the rotor is braked by applying a braking voltage thereto, and applying the voltage only for this time.

CONSTITUTION: After a signal read by a pickup 1 from a disk 2 is binarized by a waveform shaper 3, it is fed to a synchronous detector 4 to detect a synchronizing pulse. This pulse is detected by a clock generated by a PLL circuit 5, applied to a motor servo circuit 6 to control the rotation of a spindle motor 7. The binarized signal becomes a reproduction signal through a digital signal processor 8 and a D/A converter 9. Further, a microcomputer 12 and an up counter 13 as a timer are provided. A period until the rotating speed becomes 1/3 of an initial speed is measured, an applying time of a reverse rotary drive voltage is calculated from a deceleration ratio, etc., and applied to the motor 7. Thus, the rotation of the disk can be stopped rapidly and effectively.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]